

AMENDMENT UNDER 37 C.F.R. § 1.111  
U.S. Appln. No. 09/497,515

3. (Amended) An electrode for a fuel cell comprising: a catalyst layer, a gas diffusion layer and a porous polymer;

wherein said catalyst layer contains a solid polymer electrolyte and catalyst particles, and said gas diffusion layer contains an electro-conductive porous substrate.

4. (Amended) The electrode according to claim 3, wherein said porous polymer is provided for a portion of pores or and surface of said catalyst layer or/and an inside of the electro-conductive porous substrate.

5. (Amended) The electrode according to claim 1 or 3, wherein said porous polymer has no ion-exchange function.

6. (Amended) The electrode according to claim 1 or 3, wherein pores of said porous polymer form a three-dimensional network structure.

9. (Amended) The electrode according to claim 1 or 3, wherein a porosity of said porous polymer is within the range of 45% to 95%.

13. (Twice Amended) A method of manufacturing an electrode for a fuel cell comprising the steps of:

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preparing an electrode (j) comprising a catalyst layer containing a solid polymer electrolyte and catalyst particles;

preparing a solution (c) in which a polymer (a) is dissolved in a solvent (b);

allowing said solution (c) to be contained in said electrode; and

separating said polymer (a) from said solution (c).

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14. (Amended) A method of manufacturing an electrode for a fuel cell comprising the steps of:

preparing an electrode (j) comprising a catalyst layer containing a solid polymer electrolyte and catalyst particles;

preparing a solution (c) in which a polymer (a) is dissolved in a solvent (b);

allowing said solution (c) to be contained in said electrode; and

extracting said solvent (b) from the said solution (c) with a non solvent (d) which is insoluble in said polymer (a) and miscible with the solvent (b).